t, combined	DEGEARATION FOR PATENT	APPLICATION AND POWER OF A	ATTORNEY
		U.	S. DEPARTMENT OF COMMERCE Patent and Trademark Office
		ATT	TORNEY DOCKET NO.: 80168-0238
As a below named inventors, WE here	eby declare that:		
OUR residence, post office address an	d citizenship are as stated below n	ext to OUR names,	
WE believe WE are the original, first are listed below) of the subject matter	and sole inventor (if only one name which is claimed and for which a p	e is listed below) or an original, first a patent is sought on the invention enti	nd joint inventors (if plural names tled:
SYSTEM AND METHOD FOR P	ROVIDING A PERSISTENT OB	JECT FRAMEWORK FOR MANAG	GING PERSISTENT OBJECTS
the specification of which:			
☑ is attached hereto; or			
was filed as United States applicat	cion Serial Noon _	and was amended on	(if applicable); or
was filed as PCT international application (if applicable).	ation Numberon _	and was amended under	PCT Article 19 on
WE hereby state that WE have review any amendment referred to above. WE acknowledge the duty to disclose presented in this application in according to the presented in this application in according to the presented in the priority benefits the property of the priority is designating at least one country other of the application(s) of which priority is application of the priority is application of th	to the U.S. Patent and Trademark lance with Title 37, Code of Federa efits under Title 35, United States 6 y PCT international application(s) of the low any foreign application(s) for than the United States of America	Office information which is material to Regulations, § 1.56. Code, § 119(a)-(d) or § 365(b) of any for the lesignating at least one country other patent or inventor's certificate or any in filed by me on the same subject materials.	to the patentability of claims reign application(s) for patent or than the United States of America PCT international application(s)
COUNTRY			DDIODIMY OF THE
(if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED
			☐ Yes ☐ No
			☐ Yes ☐ No
			Yes No
			☐ Yes ☐ No
WE hereby claim the benefit below:	s under Title 35, United States Co	de §119(e) of any United States provis	ional application(s) listed
	U.S. PROVISIONAL	APPLICATIONS	
U.S. PROVISIONAL APP		U.S. FILING	DATE

, 7

Combined Declaration For Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications)

ATTORNEY DOCKET NO.: 80168-0238

Page 2

WE hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICAT	IONS OR PCT INTERNATIONAL A	APPLICATIONS DESIGN	ATING THE U.S. FOR	BENEFIT:
U.S. APPLICATIONS			STATUS (Check One)	_
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
free.				
included in the Custome	NEY: As named inventors, WE here or Number provided below to prosected therewith, and direct that all c	cute this application and t	o transact all business i	n the Patent and
Direct Telephone Calls To: (name and telephone number)		T. Bailey 37-5467		
are believed to be true; and further are punishable by fine or impriso	ents made herein of our own knower that these statements were made nment, or both, under Section 1001 lidity of the application or any pater	with the knowledge that of Title 18 of the United	willful false statements	and the like so made
FULL NAME OF SOLE OR FIRST INVENTOR	Keith Hankin			
RESIDENCE & CITIZENSHIP	2409 Park Boulevard #C-202, I	Palo Alto, California 943	06	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	Netscape Communications Corp Mountain View, California 940		field Road,	
FIRST OR SOLE INVENTOR'S	SIGNATURE	_1//		DATE 01/24/201

Combined Declaration For Patent Application and Power of Attorney - (Continued) (includes Reference to PCT International Applications) ATTORNEY DOCKET NO80168-0238 Page 3			
FULL NAME OF SECOND INVENTOR	Ching-Wen Alan Chu		
RESIDENCE & CITIZENSHIP	4170 Network Circle, Santa Clara, California 95054	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California 94303		
SECOND INVENTOR'S SIGNATURE DATE			
FULL NAME OF THIRD INVENTOR	Nirupama Mallavarupu		
RESIDENCE & CITIZENSHIP	4170 Network Circle, Santa Clara, California 95054	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California 94303		
THIRD INVENTOR'S SIGNATURE		DATE	
FUEL NAME OF FOURTH INVENTOR	James Kong		
RESIDENCE & CITIZENSHIP	4170 Network Circle, Santa Clara, California 95054	COUNTRY OF CITIZENSHIP U.S.A.	
POST OFFICE ADDRESS	Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California 94303		
FOURTH INVENTOR'S SIGNA	DATE		
gran		Aurick	
	of Inventors Continued on attached page(s) Yes No	1	



	U.S. DEPARTMENT OF COMMERCE Patent and Trademark Office			
		ATTO	ORNEY DOCKET NO.: 80168-0238	
As a below named inventors, WE hereby	v declare that:			
OUR residence, post office address and o	citizenship are as stated below ne	xt to OUR names,		
WE believe WE are the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventors (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled:				
SYSTEM AND METHOD FOR PROVIDING A PERSISTENT OBJECT FRAMEWORK FOR MANAGING PERSISTENT OBJECTS				
the specification of which:				
☑ is attached hereto; or				
was filed as United States applicatio	n Serial Noon	and was amended on	(if applicable); or	
was filed as PCT international application Numberonand was amended under PCT Article 19 on (if applicable).				
WE hereby state that WE have reviewed and understand the contents of the above-identified specification, including the claims, as amended by any amendment referred to above.				
WE acknowledge the duty to disclose to the U.S. Patent and Trademark Office information which is material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, § 1.56.				
WF hereby claim foreign priority benefits under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate or § 365(a) of any PCT international application(s) designating at least one country other than the United States of America listed below and have also identified below any foreign application(s) for patent or inventor's certificate or any PCT international application(s) designating at least one country other than the United States of America filed by me on the same subject matter having a filing date before that of the application(s) of which priority is claimed:				
E .				
	PRIOR FOREIGN A	· · ·		
COUNTRY (if PCT, indicate PCT)	APPLICATION NUMBER	DATE OF FILING (day, month, year)	PRIORITY CLAIMED	
			☐ Yes ☐ No	
			Yes No	
			☐ Yes ☐ No	
			Yes No	
WE hereby claim the benefits below:	under Title 35, United States Co	le §119(e) of any United States provisi	onal application(s) listed	
U.S. PROVISIONAL APPLICATIONS				
U.S. PROVISIONAL APPLICATION NO.		U.S. FILING DATE		

ATTORNEY DOCKET NO.: 80168-0238

WE hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s) or § 365(c) of any PCT international application(s) designating the United States of America that is/are listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in that/those prior application(s) in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose to the U.S. Patent and Trademark Office all information known to me to be material to the patentability of claims presented in this application in accordance with Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application(s) and the national or PCT international filing date of this application:

PRIOR U.S. APPLICATI	ONS OR PCT INTERNATIONAL A	APPLICATIONS DESIGNA	ATING THE U.S. FOR I	BENEFIT:
	PRIOR U.S. APPLICATIONS OR PCT INTERNATIONAL APPLICATIONS DESIGNATING THE U.S. FOR BENEFIT: U.S. APPLICATIONS STATUS (Check One)			
U.S. APPLICATION NO.	U.S. FILING DATE	PATENTED	PENDING	ABANDONED
			,	
POWER OF ATTORNEY: As named inventors, WE hereby appoint the registered practitioners of Hogan & Hartson LLP included in the Customer Number provided below to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith, and direct that all correspondence be addressed to that Customer Number. Customer Number: 24633 Matthew T. Bailey 202-637-5467 WE hereby declare that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code, and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.				
FULL NAME OF SOLE OR FIRST INVENTOR	Keith Hankin			
RESIDENCE & CITIZENSHIP	4170 Network Circle, Santa Clar	ra, California		COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	POST OFFICE ADDRESS Netscape Communications Corporation, 501 East Middlefield Road, Mountain View, California 94043			
FIRST OR SOLE INVENTOR'S SIGNATURE DATE			DATE	

Combined Declaration For Pater	nt Application and Power of Attorney - (Continued)	
(includes Reference to PCT Inter		Y DOCKET NO80168-0238 Page 3
FULL NAME OF SECOND INVENTOR	Ching-Wen Alan Chu	
RESIDENCE & CITIZENSHIP	4170 Network Circle, Santa Clara, California 95054	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California 9430	3
SECOND INVENTOR'S SIGN.	ATURE Ching We Ch	DATE 08/17/2001
FULL NAME OF THIRD INVENTOR	Nirupama Mallavarupu	
RESIDENCE & CITIZENSHIP	4170 Network Circle, Santa Clara, California 95054	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California 9430.	3
THIRD INVENTOR'S SIGNAT	URE ENMOUNE.	DATE
FULL NAME OF FOURTH	James Kong	
RESIDENCE & CHIZENSHIP	4170 Network Circle, Santa Clara, California 95054	COUNTRY OF CITIZENSHIP U.S.A.
POST OFFICE ADDRESS	Sun Microsystems, Inc., 901 San Antonio Road, Palo Alto, California 94303	3
FOURTH INVENTOR'S SIGNA	iture James Kong	DATE 8/13/2001
Listing	of Inventors Continued on attached page(s) Yes No	